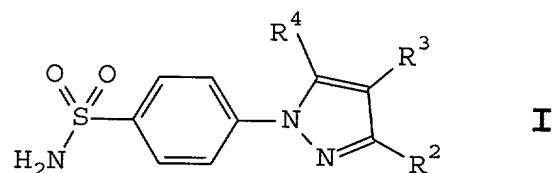


**METHOD OF USING CYCLOOXYGENASE-2 INHIBITORS
IN THE TREATMENT AND PREVENTION OF DEMENTIA**

ABSTRACT

This invention relates to the use of cyclooxygenase-2 inhibitors or derivatives thereof in preventing and treating dementia. In particular, the invention describes the method of preventing and treating dementia in a subject, said method comprising treating the subject with a therapeutically-effective amount of a compound of Formula I



wherein R², R³, and R⁴ are as described in the specification.